

**Camp Navajo  
Stakeholder Advisory Group (SAG)**

Thursday, October 14 2004  
Camp Navajo  
Bellemont, AZ

**Minutes**

**Members in attendance:**

Alan Anderson, Coconino National Forest  
Tom Britt, community member  
Christine Cooper, City of Flagstaff  
Stacy Duffy, ADEQ  
Lee Luedeker, AGFD  
Randy Wilkinson, NGB

**Members absent:**

Shaula Hedwall, USFWS  
Michele James, community member  
LTC Pete Tosi, Camp Navajo

**Interested Parties**

Dexter Albert, Intrinsic Consulting  
Denise Baker, USFWS  
Timothy Cowan, Camp Navajo  
Kevin King, AZDEMA  
Phil Lagas, Brown & Caldwell  
Christa Lewis, AZARNG Env. Office  
LT Sandy Mallach, AZARNG Env. Office  
Patsy Meehan, Brown & Caldwell  
MAJ Bill Myer, NGB  
Tom Parker, Camp Navajo  
Marty Rozelle, The Rozelle Group  
Scott Veenstra, AMEC

The following acronyms may be used throughout this document

ADEMA	Arizona Department of Emergency and Military Affairs
ADEQ	Arizona Department of Environmental Quality
AGFD	Arizona Games & Fish Department
AZARNG	Arizona Army National Guard
BRAC	Base Realignment and Closure
CDC	Contained Detonation Chamber
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
FOASA	Former Open Air Storage Area
FSP	Field Sampling Plan
FWPDBA	Former White Phosphorous Detonation and Burn Area (Chemical Canyon)
IRP	Installation Restoration Program
MAP	Management Action Plan
MEC	Munitions and Explosives of Concern
MWP	Master Work Plan
NAAD	Navajo Army Depot
NAU	Northern Arizona University
NGB	National Guard Bureau
OB/OD	Open Burn/Open Detonation
ORS	Ordnance Related Scrap
PBC	Performance Based Contract
ppb	parts per billion
QAPP	Quality Assurance Project Plan
RCRA	Resource Conservation and Recovery Act
RI/FS	Remedial Investigation/Feasibility Study
SAG	Stakeholder Advisory Group
SSHP	Site Safety and Health Plan
USACHPPM	U.S. Army Center for Health Promotion and Preventive Medicine
USFWS	U.S. Fish & Wildlife Service
UXO	Unexploded Ordnance
WMM	Waste Military Munitions

The following matters were discussed, recommended, and/or decided.

**1. *Welcome, Introductions and Announcements***

- Michele James has missed two meetings, but is still interested in serving on the SAG. She asked for consideration for evening meetings.
- Lee Leudeker reported on an incident that occurred during the last week in September in the hunt management area 6-B, which adjoins the Installation boundary. An elk was killed illegally in OB/OD Area, close to the demolition pits where water samples were being taken. At least four human trips were made in and out of the OB/OD Area to carry out antlers and four quarters of elk. The elk was shot with a firearm. Lee investigated the incident, but does not know if the trespass was across the perimeter fence or the internal fences. Apparently some hunters are ignoring trespass signs.

**2. *Status of Action Items from July 22, 2004 SAG Meeting***

- SAG Vacancy - Glenn Morrison was contacted by Lee to determine his interest in filling the community member vacancy. He is interested, but could not make this meeting. Once this vacancy is filled, an orientation will be held for Christine Cooper and the new member.
- Number of hunter flyers to be mailed - 600 hunter flyers were mailed to targeted hunt areas and to those who got permits in adjacent hunt areas. The hunt area where the trespass occurred was one to which the flyer was mailed.
- Care package for CPT Fay – CPT Fay is home on leave and will be returning to Iraq for six months. Tom Parker will coordinate the items, which will be sent after January 1, 2005.
- Web site registration – Randy will make sure that Christine can access the IRP web site. The new web site will be up very soon.

**3. *Management Action Plan***

MAJ Bill Myer reviewed the Management Action Plan (MAP). His presentation is available on the project websites. The MAP serves as a “roadmap” or business plan for the closure of the OB/OD Area. Randy Wilkinson praised the effort of SAG members over the past two years. Many of the issues that are now addressed in the MAP were initially raised by SAG members, and plans were developed with extensive SAG member input. Many program processes have been defined in the MAP, including the OB/OD Area Program closure strategy. Several master documents are now finalized or under review, including the human health and ecological risk assessment work plan, background metals assessment, and operational history report. The future land use for the OB/OD Area is currently being defined by AZARNG. Future land use will determine the cleanup levels.

MAJ Myer reviewed the OB/OD Area Program closure strategy. The strategy consists of three components:

1. Use CERCLA risk-based cleanup process to investigate, remediate, and close out sites
2. Separate the chemical contamination/activity from the UXO issue for each of the 16 sites and address the UXO as part of the open detonation pits site (NAAD 02), which was a RCRA-permitted site
3. Focus and condition closure of the RCRA permits on the sites that were actually operated and used as part of the RCRA permits (7 sites).

#### 4. **OB/OD Program and Document Updates**

MAJ Myer provided updates on existing and future work efforts.

##### **Programs**

Footprint Reduction – field work was completed in August 2004.

1<sup>st</sup> Quarter Surface Water/Groundwater Sampling – completed in August 2004.

NAAD 03 RI/FS Small Arms Burn Pits and White Phosphorus OD Pits – will begin early November 2004.

NAAD 09C Landfill Removal Action – began end of September 2004. Should begin full-scale removal in December 2004.

NAAD 02 Soil RI/FS – Phase 1 began in September 2004 and most of the work is done.

##### **Documents**

Draft 1<sup>st</sup> Quarter Surface Water/Groundwater Report – due to the NGB – 11/19/04

NAAD 02 Soil RI/FS Work Plan Response to Comments – due 10/14/04

NAAAD 03 RI/FS Work Plan – awaiting ADEQ comments – due 10/08/04

NAAD 09C Removal Action Plan – ADEQ Response to Comments on 10/22/04

After Action Report Footprint Reduction – draft due on 11/17/04

Draft Background Metals Assessment – ADEQ comments due on 10/25/04

Draft NAAD 05, 06, 08B, 09D Supplemental Characterization Work Plan – due to NGB 10/18/04

Outstanding issues to be resolved include:

- Agree on future land use of OB/OD Area
- Agree on background metals assessment
- Determine if surface water and deep bedrock ground-water quality have been impacted
- Awaiting decision on conditional exemption to store WMM beyond 90-day limit per RCRA

##### **NAAD 05, 06, 08B, 09D Sites**

Scott Veenstra, Program Manager with AMEC Earth & Environmental, an international engineering and construction firm, will be supporting Camp Navajo in three areas:

- Open Burn Area Closure Project - four of the seven sites
- Electronic Data Management System Development
- Risk Assessment Support to Brown & Caldwell

##### Open Burn Area Closure Project

AMEC will be following the CERCLA risk-based cleanup process for four of the seven OB/OD sites

- NAAD 05 – Former Open Burn Area
- NAAD 06 – Open Burn/Open Detonation Waste Pile and Burn Area
- NAAD 08B – Former Open Burn Area (Trenches)
- NAAD 09D – Current Open Burn Area

Boundary definitions and data gap analyses have been completed. The Work Plans will be delivered to ADEQ in November 2004, and approval is expected in December 2004. Specific activities for the next two years include:

- 2005 - Field Investigations, Data Evaluation/Reporting, Risk Screening, Risk Assessment, Engineering Evaluation/Cost Analysis
- 2006 – Remedial Action Planning, Implement Remedial Actions, Risk Assessment, Closure Reporting

#### Electronic Data Management System Development

There will be two new web sites: a contractor site and a public site. The contractor site will be used to manage documents and data. The public web site will include the Administrative Record. The public can easily query the database.

#### Risk Assessment Support to Brown & Caldwell

AMEC is working with Brown & Caldwell and with risk assessors from ADEQ and USFWS to establish an accepted risk assessment process for use at Camp Navajo. They developed the Master Human Health and Ecological Risk Assessment Work Plan which contains guiding principals for all human health and ecological risk assessment.

MAJ Myer said that proposals for the Performance Based Contract (PBC) that will be used to clean up the remaining IRP sites are due 10/20/04. The contract will be awarded in December 2004. The Assistant Chief of Staff for Installation Management has required a PBC to close out army cleanup programs.

#### **5. Status of Community Involvement Program**

A newsletter will be prepared and distributed by the next SAG meeting.

#### **6. Call to the Public**

No one from the public was present.

#### **7. Future Meetings**

Dates for 2005 SAG meetings were set as the second Thursday of each quarter: January 13, April 14, July 14, October 13.

The January meeting will be at 10:00 a.m. at Camp Navajo. The April meeting will be at 6:00 p.m. The location is to be determined. A decision on the times for the July and October meetings will be made later.